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[US/US]; 18511 Brackenfield Drive, Spring, TX 77388
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PLLC, P.O. Box 429, Bellaire, TX 77402-0429 (US).

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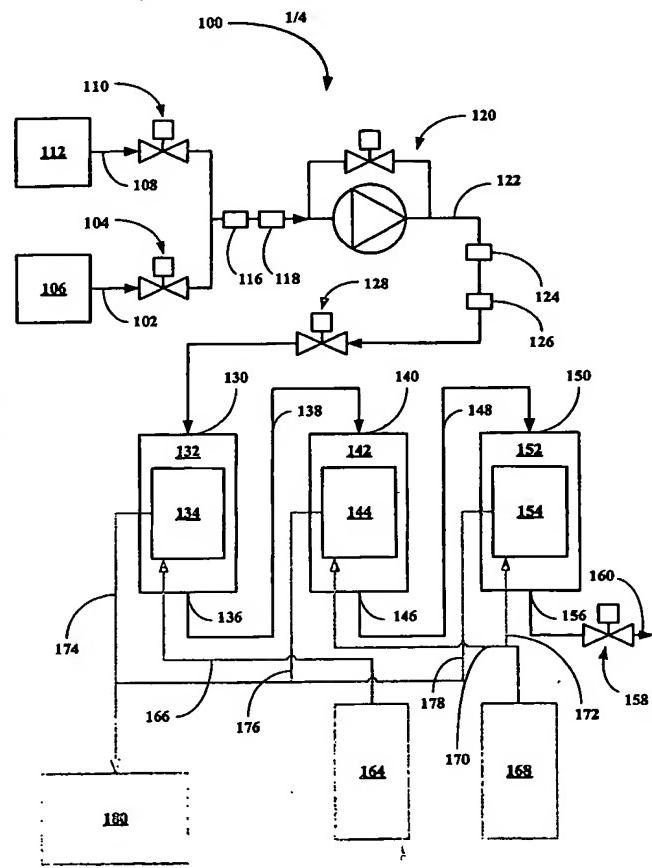
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LIQUIDS, LLC [US/US]; 18937 Aldine-Westfield Road,
Houston, TX 77073 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **TUNNICLIFFE, Ian** [GB/GB]; Cotsdale, Watling Street North, Church*[Continued on next page]*

(54) Title: METHOD AND APPARATUS FOR TREATING METAL ION CONTAINING STREAMS



(57) Abstract: A method for removing metal ions from aqueous streams is disclosed using an extraction system of this invention, which includes at least one and preferably a plurality of extraction units comprising a bed filled with a volumetric mixture of an ion exchange material and an inert material. Preferably, the mixture includes between about 90 to 50 vol% of an ion exchange material and from about 10 to 50 vol% of an substantially inert material. The method is designed to operate at a relatively high stream flow rate, preferably between about 1.5 and about 5 times greater than the flow rate of the stream not equipped with the present extraction system.

WO 03/101894 A2

WO 03/101894 A2



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